

UNCLASSIFIED

* * * * *

SG1J

SEQUENCE NR: CSB90599074 USER: [REDACTED] ID: 09856-92APR28/11.20.08/A01

TITLE: EFFECTS OF QIGONG WAIQI (VITAL ENERGY EMITTED AT WILL) ON
THE PARTIAL PHARMACOLOGIC ACTIONS OF THE VENOM OF BUTHUS
MARTENSII KARSCH

AUTHOR: WU, SHAN-SHAN; LIU, DAI-YUE; YUAN, JIAN-FU

DOC REF: INTERNATIONAL SYMPOSIUM OF NATURAL TOXINS, GUILIN, CHINA,
MAY 22-25, 1989, 89

DOC NR: ATCH2553073489

DOC DATE: 89

REF IN: 2253073489, 89, 2

FICHE NR: DST89C016165

INF CTY: PEOPLES REPUBLIC OF CHINA (CH)

INF DATE: 890522-890525

COSATI: BIOLOGICAL AND MEDICAL SCIENCES (06)

CLASSIF: UNCLASSIFIED

RELEASE: NONE (XX)

TEXT: ENTIRE.

CONFERENCE.

REPORTED IN THIS PAPER ARE THE PHARMACOLOGICAL ACTIONS OF THE VENOM OF BUTHUS MARTENSII KARSCH ON THE HEART AND BREATH OF SOBOER RABBITS. MEANWHILE WE HAVE STUDIED THE EFFECTS OF QIGONG WAIQI ON THE PARTIAL PHARMACOLOGIC ACTIONS OF THE VENOM. EXPERIMENTS WERE PERFORMED ON THE SOBOER RABBITS. THE MEAN VALUES MEASURED OF THE HEART RATE AND THE BREATHING FREQUENCY OF THE RABBITS WERE 278 + 20 TIMES PER MIN AND 69 + 13 TIMES PER MIN, RESPECTIVELY. AFTER INTRAVENOUS INJECTION OF THE VENOM (0.7 TO 0.9 MG PER KG) OF BUTHUS MARTENSII KARSCH IN THE EAR FIELD OF THE RABBITS FOR 2 TO 5 MINUTES, BOTH THE CONTROL GROUP AND THE EXPERIMENT GROUP WERE POISONED BY THE VENOM. THE VENOM INDUCED ARRHYTHMIA, DECREASED THE HEART RATE AND SLOWED BREATHING FREQUENCY. WHEN THE HEART RATE AND BREATHING FREQUENCY IN THE EXPERIMENT GROUP WERE DECREASED TO 78 + 42 TIMES PER MIN AND 30 + 2 TIMES PER MIN RESPECTIVELY, THE QIGONG MASTER THEN EMITTED THE WAIQI ON THE RABBIT FOR 20 TO 25 MINUTES. THE HEART RATE ARISED TO 258 + 40 TIMES PER MIN, THE BREATH WAS STRONG AND ITS FREQUENCY ARISED TO 42 + 6 TIMES PER MIN. IF THE QIGONG MASTER STOPPED EMITTING THE WAIQI, THE ARRHYTHMIA APPRAED AGAIN AND THE BREATH WAS GRADUALLY WEAK AFTER 7 TO 10 MINUTES, THE HEART RATE AND BREATHING FREQUENCY WERE DECREASED TO 36 + 10 TIMES PER MIN AND 9 + 8 TIMES PER MIN, RESPECTIVELY. FINALLY THE RABBITS DIED OF BREATH STOPPING. BUT THE RABBITS IN THE EXPERIMENT GROUP DIED LATER THAN THAT IN THE CONTROL GROUP. THE RESULTS SHOWED THAT QIGONG WAIQI HAS A FUNCTION OF REGULATION FOR ARRHYTHMIA AND BREATH INDUCED BY THE VENOM OF BUTHUS MARTENSII KARSCH.

PFN INFORMATION: PART 001

* * * * *

UNCLASSIFIED

PAGE

* * * * *

UNCLASSIFIED

* * * * *

SEQUENCE NR: CSB90599074 USER- [REDACTED] ID: 09856-92APR28/11.20.08/A01

RELATES: SHAN-SHAN WU IS ASSOCIATED WITH HUNAN EDUCATIONAL INST.
DAI-YUE LIU IS ASSOCIATED WITH YUHAN UNIV. JIAN-FU YUAN
IS ASSOCIATED WITH HUNAN QIGONG ASSOCIATION.

PERSON: WU, SHAN-SHAN
PERS CTY: PEOPLES REPUBLIC OF CHINA (CH)

PERSON: LIU, DAI-YUE
PERS CTY: PEOPLES REPUBLIC OF CHINA (CH)

PERSON: YUAN, JIAN-FU
PERS CTY: PEOPLES REPUBLIC OF CHINA (CH)

FACILITY: HUNAN EDUCATIONAL INST
SUBORD: DEPARTMENT OF BIOLOGY
FACL CTY: PEOPLES REPUBLIC OF CHINA (CH)
FACL LOC: CHANGSHA HUNAN

FACILITY: YUHAN UNIV
SUBORD: INST OF APPLIED SCIENCE
FACL CTY: PEOPLES REPUBLIC OF CHINA (CH)
FACL LOC: WUHAN HUBEI

FACILITY: HUNAN QIGONG ASSOCIATION
SUBORD: XIANTIAN YIYUAN QIGONG
FACL CTY: PEOPLES REPUBLIC OF CHINA (CH)
FACL LOC: CHANGSHA HUNAN
FSUBORD: FACILITY SUBORDINATION DATA

* * * * *
UNCLASSIFIED
* * * * *

PAGE

26